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NPIC/TSSG/DED-1742-69  
24 July 1969

MEMORANDUM FOR: Chief, Technical Services & Support Group, NPIC

SUBJECT : Status of the Development of 1540 Split-Format Light Tables

1. This memorandum outlines the understanding of DED with respect to the development of prototype 1540 Split-Format Light Tables.

25X1 2. The [ ] started development under contract on a  
25X1 prototype 1540 Split-Format Light Table specifically to meet the requirements  
of the next acquisition system to become operational. During progress of  
this development, the construction of a light table was undertaken and  
funded by [ ] that would substantially meet the requirements  
specified in the Development Objectives for the [ ] 1540 Light Table.  
Subsequent testing and evaluation of the [ ] effort indicated that their  
table was in some respects superior to the [ ] prototype and worthy of  
further consideration as competition for [ ]. In view of this, a series  
of meetings was held between various organizational components of NPIC to  
determine a course of action.

3. Development objectives will be formulated for an advanced prototype  
1540 Split-Format Light Table that will include the best features of both  
the earlier prototypes developed by [ ]. The Development  
Objectives will require the submission of cost estimates for a basic instru-  
ment incorporating the following capabilities: 1000 foot rolls of film, 0  
to 76 inch film take-up loop, motorized table elevation, motorized film  
transport, and motorized microstereoscope carriage and mount. In addition,  
cost estimates will be required for the following optional capabilities: 500  
foot rolls of film, 76 inch to 27 foot film take-up loop, motorized 0 to 15  
degree continuous tilt of the illuminated surfaces and optics carriage and  
mount, manual table elevation, manual film transport system, and manual trans-  
port of the microstereoscope carriage and mount. The Development Objectives  
will be forwarded to [ ] with requests for the submission of  
proposals in response to the requirements outlined in the Development  
Objectives.

25X1 4. Based on the proposals submitted, parallel contracts will be awarded  
25X1 [ ] for the development of prototype light tables, one by each  
company, incorporating the basic or optional features desired on the prototype  
instruments. The prototypes will be subjected to a period of testing and  
evaluation that will determine the relative merits of the instruments. The  
decision can then be made as to whether the [ ] or the [ ] table is more  
desirable, and contracts can be awarded to either or both of the companies  
for production quantities.

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5. Attached is a tentative time schedule of events leading to the delivery of production model light tables to the Center.

[REDACTED]  
Chief, Development & Engineering Division,  
TSSG

Attachment:  
As stated

Distribution:

Orig - NPIC/TSSG  
1 - NPIC/PPBS  
1 - NPIC/IEG  
1 - DIR/IAS  
1 - DIAAX-4  
1 - DIAAP-9  
1 - ARMY/SPAD  
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✓ 2 - NPIC/TSSG/DED/SDB

NPIC/TSSG/DED/SDB/ [REDACTED] (24 Jul 69)

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